

Converting Colors

HunterLab(33.9606, 6.9947,
-48.3282)

Have a look what the booklet for
HunterLab(33.9606, 6.9947,
-48.3282) contains.

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Color

**HunterLab(34.0300, 6.6845,
-47.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5EAD
RGB	45, 94, 173
RGB Percent	18%, 37%, 68%
CMY	0.8235, 0.6314, 0.3216
CMYK	0.74, 0.46, 0.00, 0.32
HSL	217°, 59%, 43%
HSV	217°, 74%, 68%
XYZ	12.6277, 11.5804, 41.1048
YIQ	88.3550, -54.5630, 14.1810

Conversions

Conversions Part 2

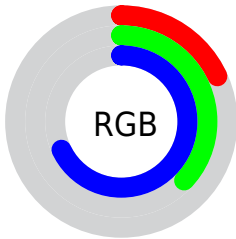
Format	Color
R_{YB}	45, 80, 173
Decimal	2973357
CIE _{Lab}	40.54, 11.42, -47.06
CIE _{LCh}	41, 48.427, 283.641
Yxy	11.5808, 0.1933, 0.1773
Android (android.graphics.Color)	4281163437 (0xFF2D5EAD)
YUV	88.3550, 41.7300, -38.0223
Hunter-Lab	34.0300, 6.6845, -47.7954

Details

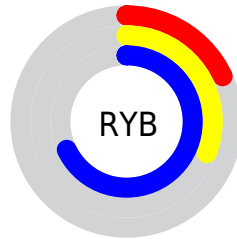
The HunterLab color $[34.0300, 6.6845, -47.7954]$ is a dark color, and the websafe version is hex $0066CC$. A complement of this color would be $[48.4678, 6.9443, 26.9492]$, and the grayscale version is $[31.2364, -1.6667, 1.6971]$.

A 20% lighter version of the original color is $[53.6580, 6.8967, -48.7248]$, and $[18.8486, 9.5218, -44.1139]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.8155, 10.5546, -56.8944]$, and if you desaturate by 10%, it is $[37.5355, 3.5902, -39.2570]$.

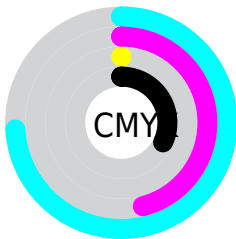
Distribution



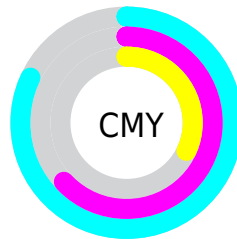
- Red (18%)
- Green (37%)
- Blue (68%)



- Red (18%)
- Yellow (31%)
- Blue (68%)



- Cyan (74%)
- Magenta (46%)
- Yellow (0%)
- Black (32%)



- Cyan (82%)
- Magenta (63%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.0300, 6.6845, -47.7954 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 34.0300, 6.6845, -47.7954 by changing the saturation by 10% instead.

■ 34.0300, 6.6845,
-47.7954

■ 34.0300, 6.6845,
-47.7954

■ 141.9893, 5.7207,
-53.6246

■ 25.4143, 6.4337,
-47.7209

■ 53.5996, 6.9115,
-48.8705

■ 17.6807, 6.0652,
-48.4775

■ 64.4396, 6.9103,
-49.5743

■ 10.9449, 5.5500,
-51.3049

■ 75.9253, 6.8443,
-50.3031

■ 2.4493, 20.1874,
-140.5365

■ 88.0225, 6.7196,
-51.0273

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 100.7015, 6.5411,
-51.7297

0.0000, NaN, NaN

113.9369, 6.3129,

0.0000, NaN, NaN

-52.4002

0.0000, NaN, NaN

127.7062, 6.0385,
-53.0330

■ 34.0300, 6.6845,
-47.7954

■ 34.0300, 6.6845,
-47.7954

■ 30.8155, 10.5546,
-56.8944

■ 37.5355, 3.5902,
-39.2570

■ 27.9336, 15.2252,
-66.4363

■ 41.2900, 1.1904,
-31.3070

■ 26.3426, 18.3001,
-72.4308

■ 45.2594, -0.6083,
-23.9136

■ 49.4149, -1.8970,
-17.0201

■ 53.7330, -2.7562,
-10.5623

■ 58.1945, -3.2540,
-4.4774

■ 62.7836, -3.4468,
1.2912

■ 67.4874, -3.3809,
6.7930

■ 72.2952, -3.0942,
12.0704

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.0305, -10.9790, -46.9143



34.0300, 6.6845, -47.7954



34.0305, 25.3406, -31.3790

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.0305, 6.6853, -47.7945



34.0305, 26.8424, 17.5862



34.0305, -28.9449, 9.8438

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.0300, 6.6845, -47.7954



48.4678, 6.9443, 26.9492

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.0305, -22.4615, 18.0486



34.0300, 6.6845, -47.7954



34.0305, 8.4289, 20.6722

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.0305, 6.6853, -47.7945



34.0305, 38.5024, 8.7042



34.0305, -9.5598, 20.7810



34.0305, -29.2209, -6.8086

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.0300, 6.6845, -47.7954



34.0305, 34.8371, -16.1259



34.0305, -9.5598, 20.7810



34.0305, -27.4913, 13.4183

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.0305, 6.6853, -47.7945



72.8513, -3.8254, -12.8016



56.4793, -36.7031, 14.1639



33.2484, -1.6766, -6.9818



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.0305, 6.6853, -47.7945



38.6508, 18.1147, -84.4818



24.1938, 33.9596, -81.3838



28.7072, -1.6080, -0.8293



22.8064, 15.1401, -61.1892



5.0236, 0.0743, -6.4394

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.0146, 46.4415, 3.3138



41.8751, 69.7776, 9.5453



61.1170, -20.7044, 34.8883



28.3975, 1.3910, 1.1262



26.1307, 45.9026, 7.9466



4.4813, 8.1039, -0.4343

Previews

White Background



This preview shows how the HunterLab color 34.0300, 6.6845, -47.7954 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 34.0300, 6.6845, -47.7954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

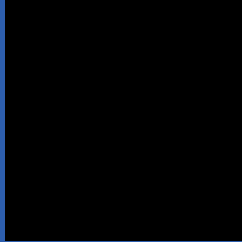
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 34.0300, 6.6845, -47.7954 Background



This preview shows how black text looks on a background with the HunterLab color 34.0300, 6.6845, -47.7954.



This preview shows how white text looks on a background with the HunterLab color 34.0300, 6.6845, -47.7954.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.0300, 6.6845, -47.7954

Protanopia

34.1718, 8.3574, -46.5160

Deuteranopia

33.9528, 2.2038, -47.1954



Tritanopia

33.9455, -16.3313, -7.1744

Trichromacy



Original Color

34.0300, 6.6845, -47.7954

Protanomaly

34.0061, 7.8292, -46.9573

Deuteranomaly

33.8444, 3.2335, -47.4624

Tritanomaly

33.7078, -9.5380, -19.7142

Monochromacy



Original Color

34.0300, 6.6845, -47.7954

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.6575, -0.9417, -13.1959

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.0300, 6.6845, -47.7954 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(45, 94, 173)` looks like.

```
.text, #text, p{  
    color:rgb(45, 94, 173)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(45, 94, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 94, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 34.0300, 6.6845, -47.7954 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(45, 94, 173) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(45, 94, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(45, 94, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 94, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 94, 173);  
box-shadow:4px 4px 4px 4px rgb(45, 94,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.0300, 6.6845, -47.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 94, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(45, 94,  
173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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